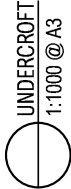
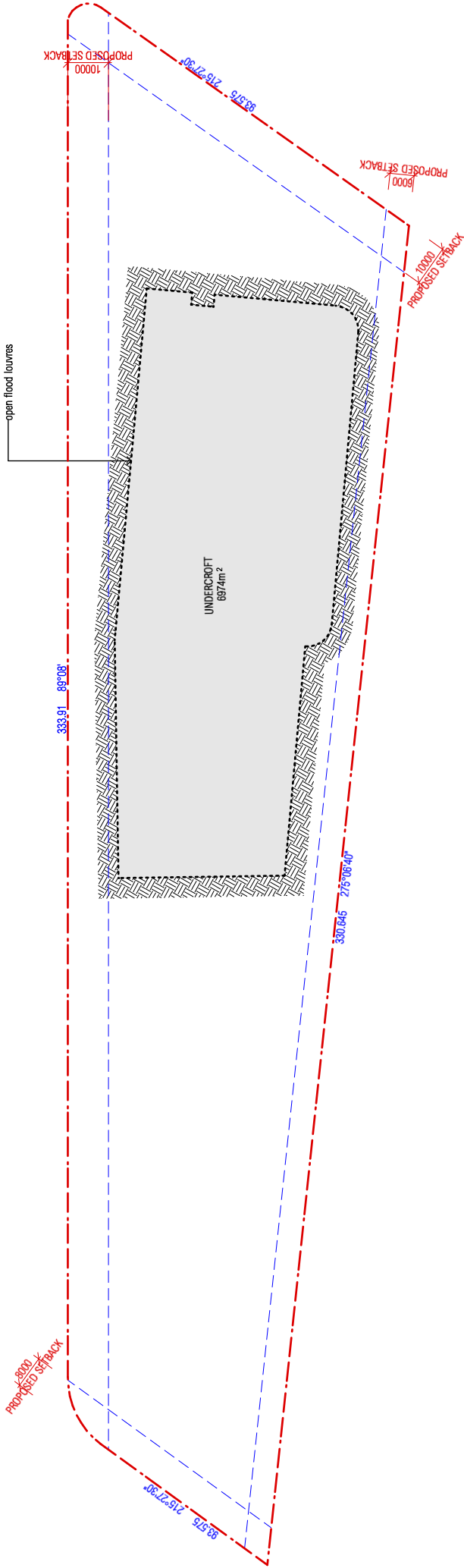





appendix

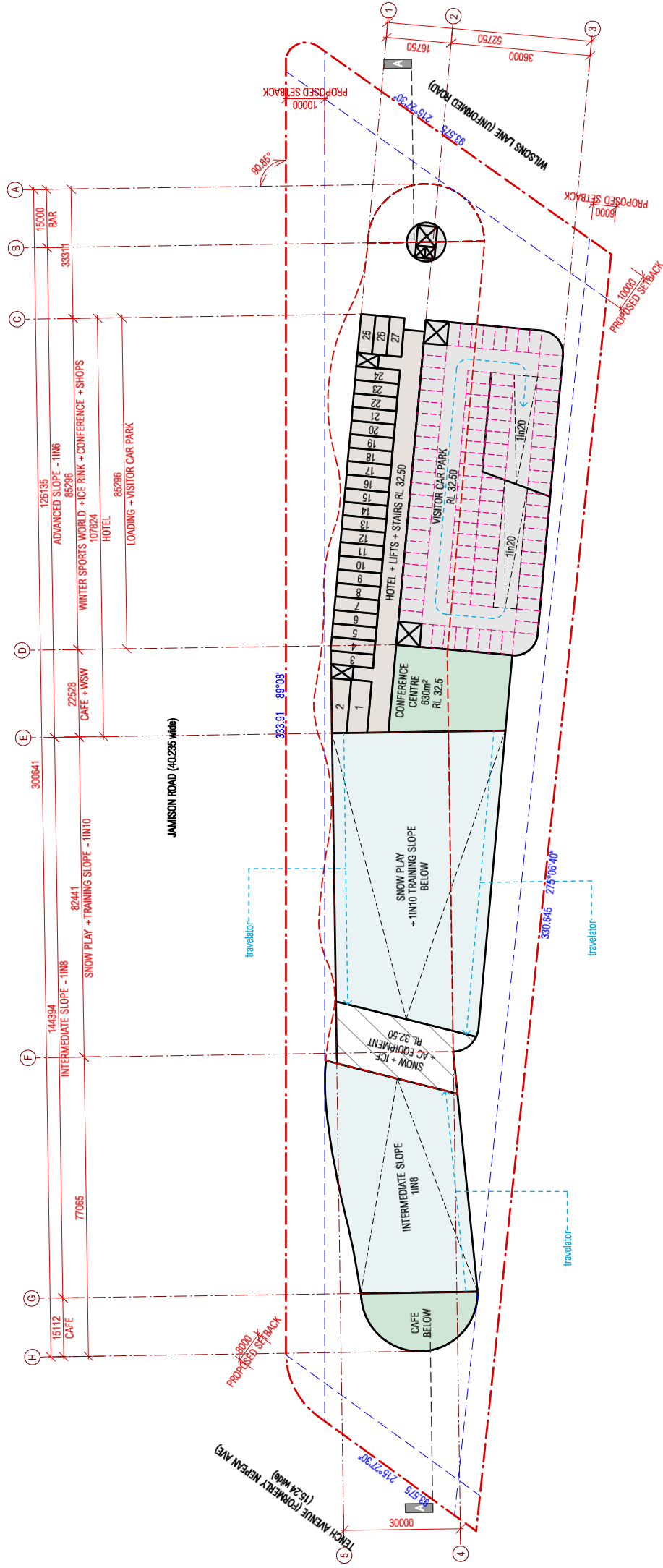
CONCEPT DESIGN + AREA SCHEDULE



 <div>01002030</div>	notes	rev	date	amendment	rev	date	amendment	project			stage	project no.	dwg no.	
	all work to be carried out in accordance with bsa, saa codes and conditions of council. measurements in mm's unless noted. use metric units for all measurements. refer all discrepancies to the architect.	A	28.05.18	issue to council				environa studio 224 riley st surry hills 2010 t: 02 9211 0000 w: www.envirostudio.com.au architects registration number 6239	WINTER SPORTS WORLD	location	drawing	DA	781	101
									for client	at	drawing	chd	date	revision
										JAMISONTOWN	drawing	TW	02	28/06/18

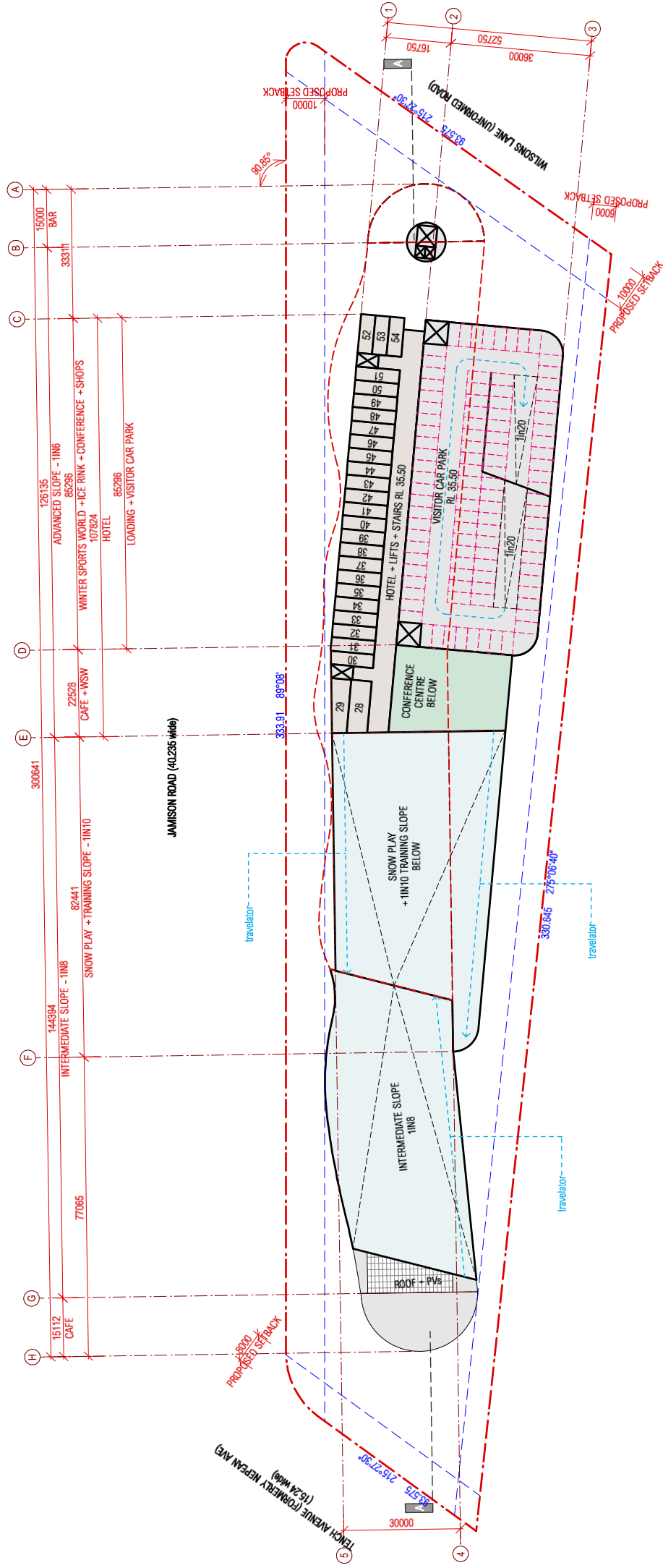


 	notes	rev	date	amendment	rev	date	amendment	<div>environa studio</div> <div>224 Hely st surry hills 2010</div> <div>t 02 9211 0000</div> <div>W: www.environastudio.com.au</div> <div>architects registration number 62339</div> <div><i>vector space in world</i></div>	project	location	drawing	stage	project no.	date	revision		
	all work to be carried out in accordance with box, sea codes and conditions of council. use measurements in mm's unless noted. use measurements in m's unless noted. all drawings site measure before starting work. refer all discrepancies to the architect.	A	28.06.18	issue to council						WINTER SPORTS WORLD	at	JAMISONTOWN	LEVEL 2 RL 28.50	DA.	781	103	
										for/client			drawing	chd	own		
														TW	OZ	28/06/18	A



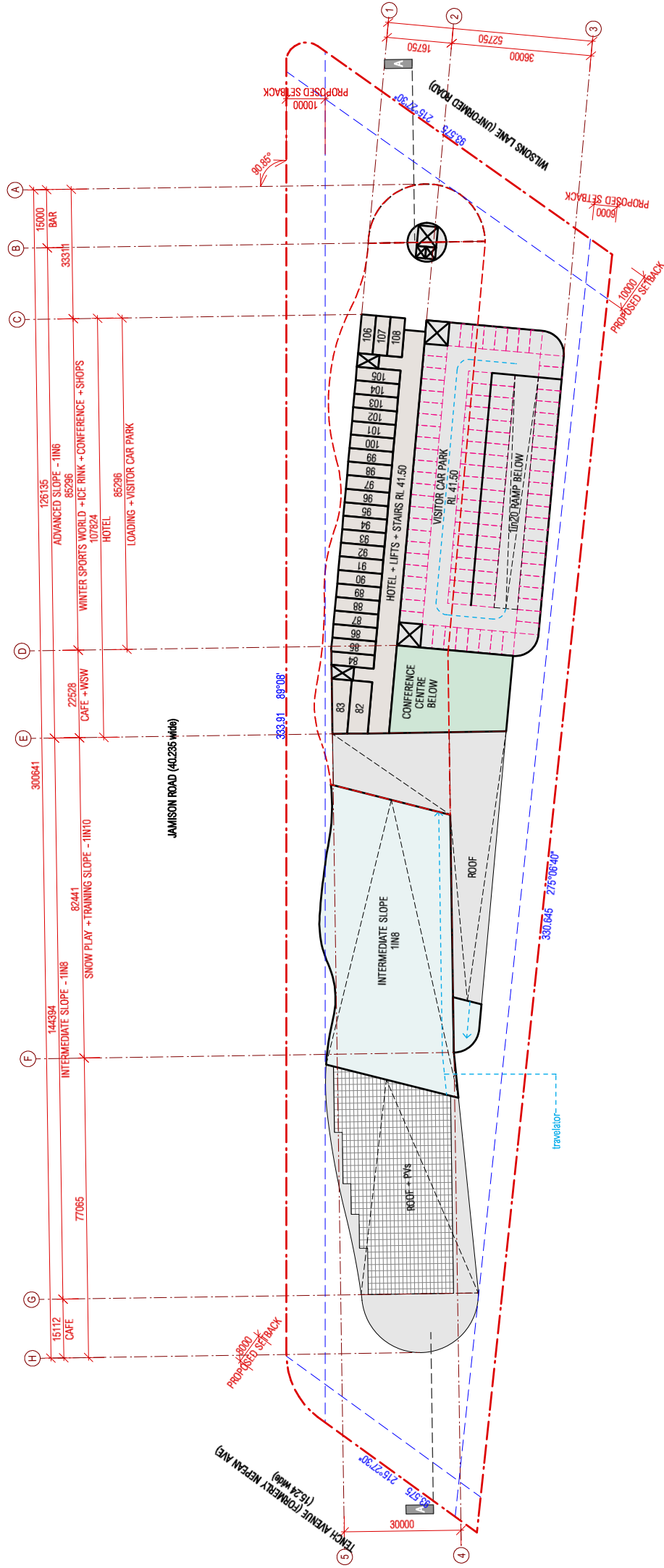
LEVEL 3 FLOOR PLAN - RL 32.50
1:1000 @ A3

notes	rev	date	amendment	rev	date	amendment	project	location	drawing	stage	project no.	dwg no.
all work to be carried out in accordance with bsa, saa codes and conditions of council. measurements in mm's unless noted. use metric units for all drawings. refer all discrepancies to the architect.	A	28.05.18	issue to council				environa studio 224 riley st surry hills 2010 t: 02 9211 0000 w: www.environastudio.com.au	at JAMISONTOWN	LEVEL 3	DA.	781	104
							for client WSW winter sports world		drawing	chd TW	date 28/06/18	revision A



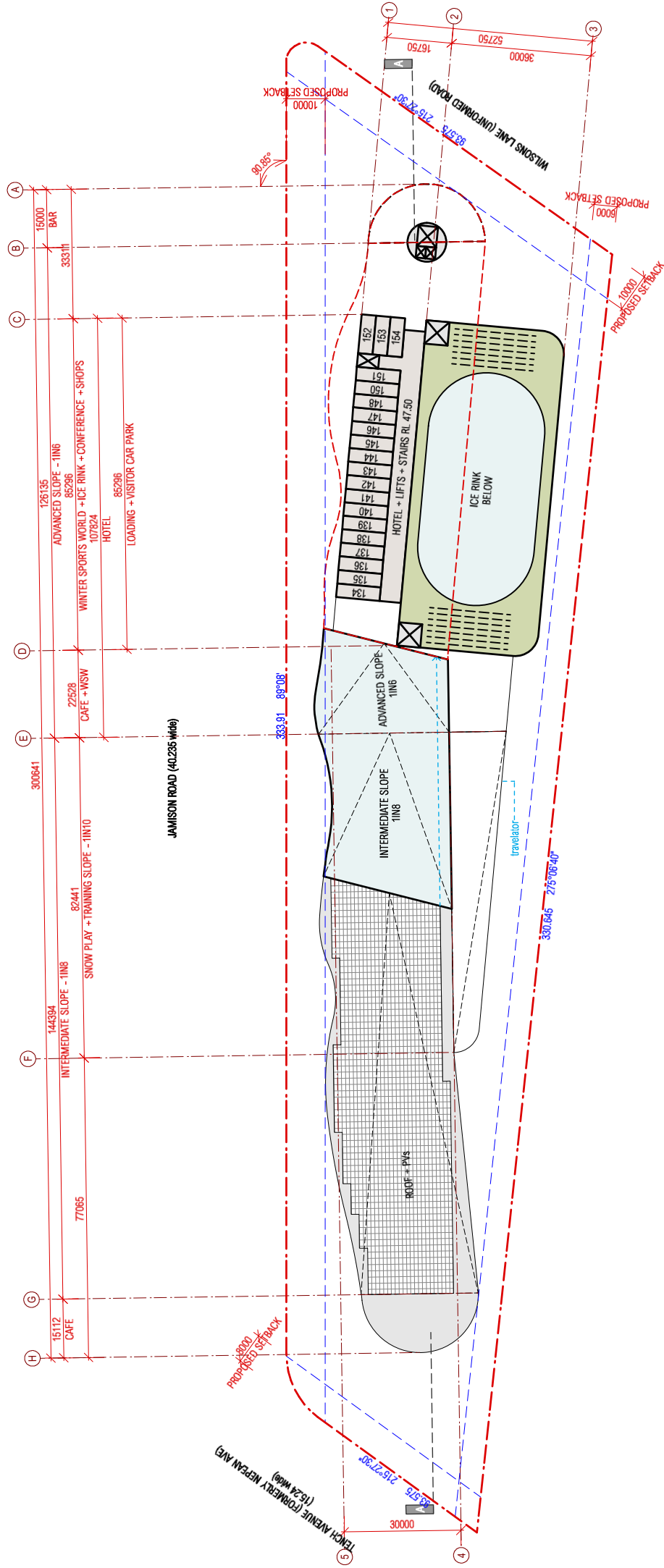
LEVEL 4 FLOOR PLAN - RL 35.50
1:1000 @ A3

notes	rev	date	amendment	rev	date	amendment	project	location	drawing	stage	project no.	dwg no.
all work to be carried out in accordance with bsa, ssa codes and conditions of council. measurements in mm's unless noted. use metric units for all dimensions. refer all discrepancies to the architect.	A	28.05.18	issue to council				environra studio 224 riley st surry hills 2010 t: 02 9211 0000 w: www.environrastudio.com.au	at JAMISONTOWN	LEVEL 4 RL 35.50	DA.	781	105
							for client wsu winter sports world		drawing	chd TW	date 28/06/18	revision A



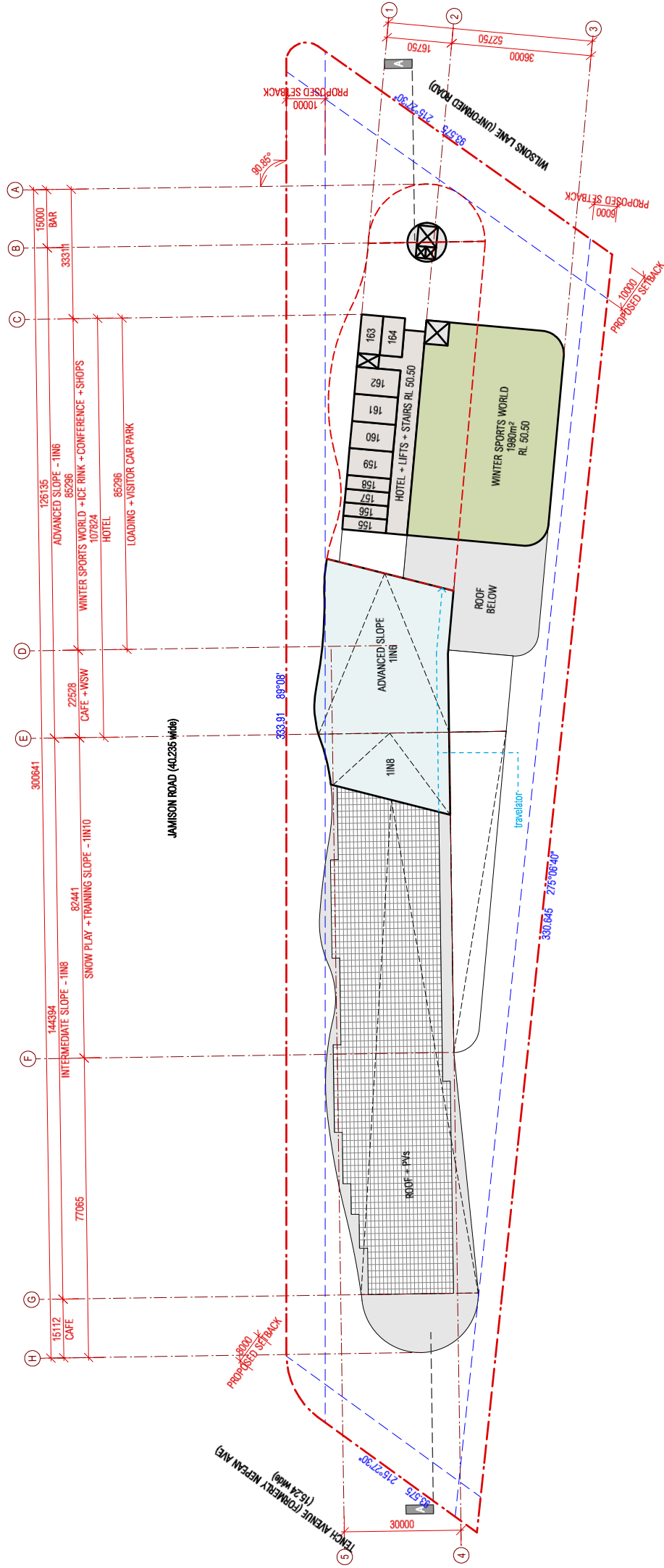
LEVEL 6 FLOOR PLAN - RL 41.50
1:1000 @ A3

notes	rev	date	amendment	rev	date	amendment	project	location	drawing	stage	project no.	dwg no.
all work to be carried out in accordance with bsa, ssa codes and conditions of council. measurements in mm's unless noted. use metric units for all dimensions. refer all discrepancies to the architect.	A	28.05.18	Issue to council				environra studio 224 riley st surry hills 2010 t: 02 9211 0000 w: www.environrastudio.com.au	at JAMISONTOWN	LEVEL 6 RL 41.50	DA.	781	107
							for client WSW winter sports world		drawing	chd TW	date 28/06/18	revision A



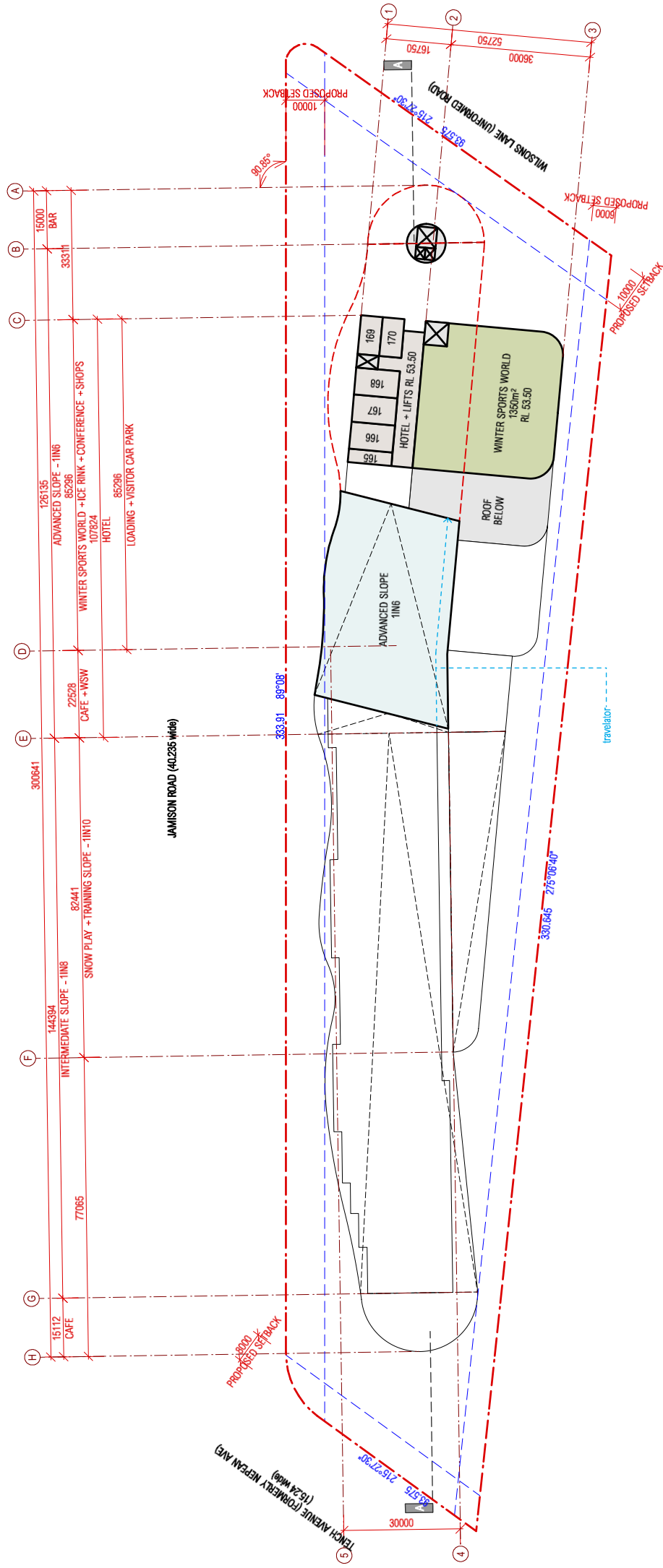
LEVEL 8 FLOOR PLAN - RL 47.50
1:1000 @ A3

notes	rev	date	amendment	rev	date	amendment	project	location	drawing	stage	project no.	dwg no.
all work to be carried out in accordance with bsa, ssa codes and conditions of council. measurements in mm's unless noted. use metric units for all drawings. refer all discrepancies to the architect.	A	28.05.18	Issue to council				environa studio 224 Riley st surry hills 2010 t 02 9211 0000 w: www.envirostudio.com.au	at JAMISONTOWN	LEVEL 8 RL 47.50	DA.	781	109
							for client wsu winter sports world		drawing	chd TW	date 28/06/18	revision A




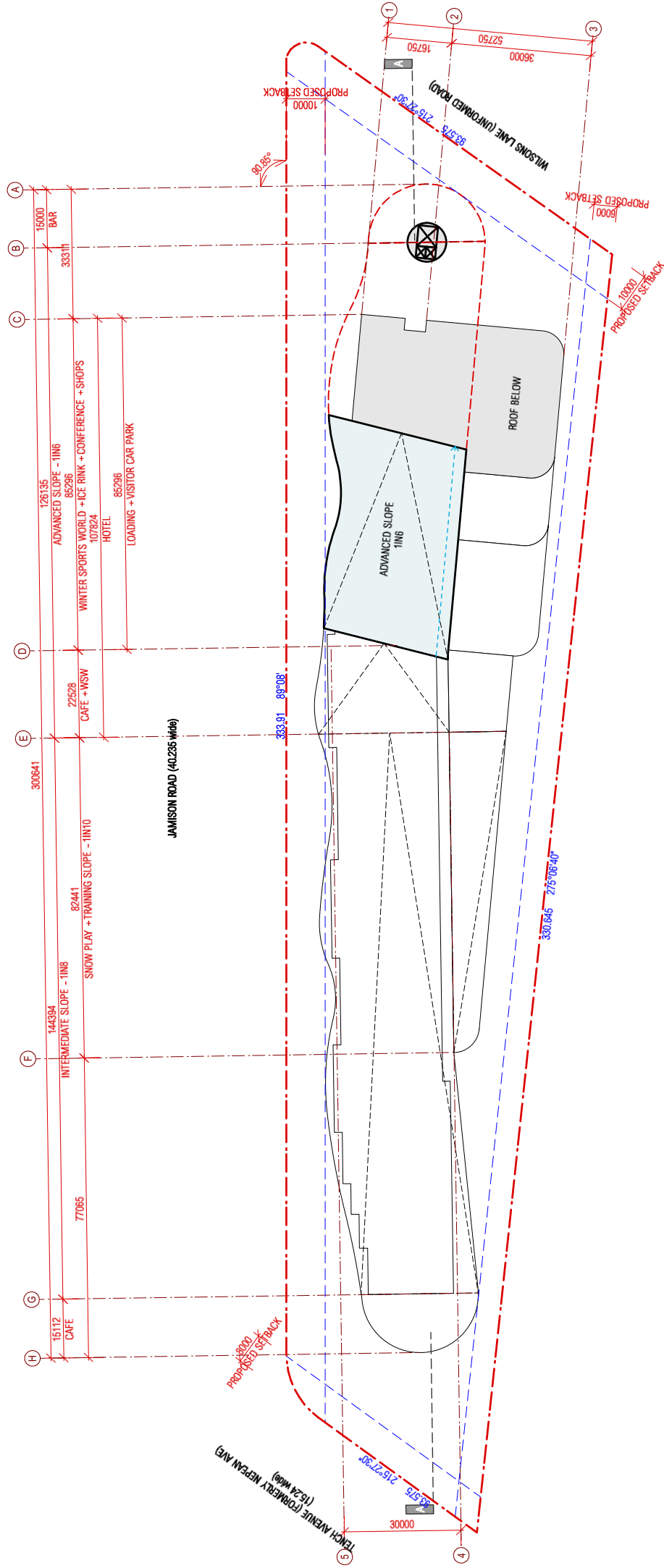
LEVEL 9 FLOOR PLAN - RL 50.50
1:1000 @ A3

notes	rev	date	amendment	rev	date	amendment	project	location	drawing	stage	project no.	dwg no.
all work to be carried out in accordance with bsa, ssa codes and conditions of council. measurements in mm's unless noted. use metric units for all dimensions. refer all discrepancies to the architect.	A	28.05.18	issue to council				environa studio 224 riley st surry hills 2010 t 02 9211 0000 w: www.environastudio.com.au	at JAMISONTOWN	LEVEL 9 RL 50.50	DA.	781	110
							for client wsu winter sports world		drawing	chd TW	own OZ	revision A



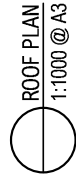
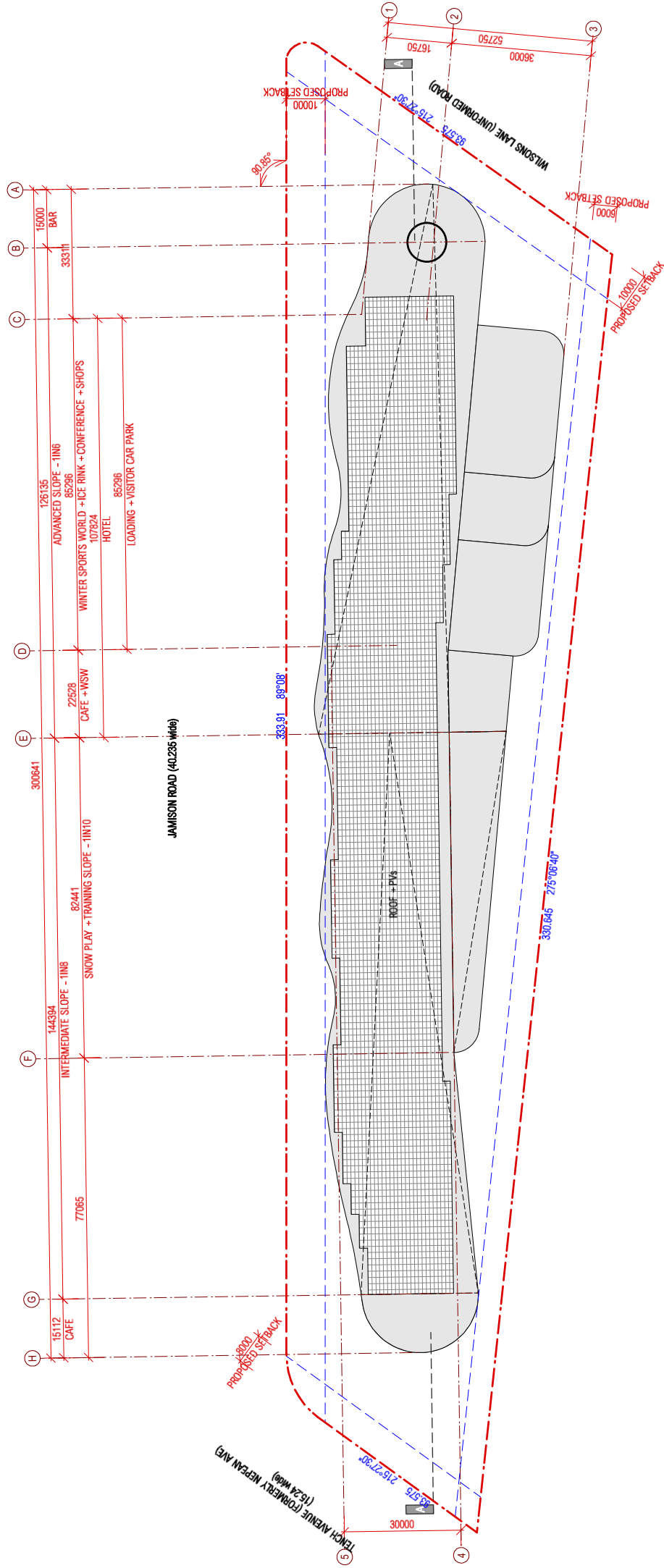
LEVEL 10 FLOOR PLAN - RL 53.50
1:1000 @ A3

	<p>notes</p> <p>all work to be carried out in accordance with 28.06.18 issue to council</p> <p>measurements in mm's unless noted. use figured dimensions, do not use drawings.</p> <p>refer all discrepancies to the architect.</p>	rev	date	amendment	<p>project</p> <p>winter sports world</p> <p>224 riley st surry hills 2010 t 02 9211 0000 w: www.winterstudio.com.au</p> <p>environna studio</p> <p>architects registration number 6239</p>	<p>location</p> <p>at JAMISONTOWN</p>	<p>drawing</p> <p>LEVEL 10 RL 53.50</p>	<p>stage</p> <p>DA</p>	<p>project no.</p> <p>781</p>	<p>dwg no.</p> <p>111</p>
		rev	date	amendment						



LEVEL 11 FLOOR PLAN
1:1000 @ A3

notes	rev	date	amendment	rev	date	amendment	rev	date	amendment	project	location	drawing	stage	project no.	dwg no.
all work to be carried out in accordance with bsa, ssa codes and conditions of council. measurements in mm's unless noted. use metric units for all dimensions. refer all discrepancies to the architect.	A	28.05.18	issue to council							environa studio 224 riley st surry hills 2010 t 02 9211 0000 w: www.environastudio.com.au architects registration number 6239	at JAMISONTOWN	drawing	DA.	781	112
										for client wsu winter sports world		drawing	TW	02	revision A



ROOF PLAN
1:1000 @ A3

notes	rev	date	amendment	rev	date	amendment	project	location	drawing	stage	project no.	dwg no.
all work to be carried out in accordance with bsa, saa codes and conditions of council. measurements in mm's unless noted. use metric units for all dimensions and drawings. refer all discrepancies to the architect.	A	28.05.18	issue to council				environa studio 224 riley st surry hills 2010 t: 02 9211 0000 w: www.environastudio.com.au architects registration number 6239	at JAMISONTOWN	ROOF PLAN	DA.	781	114
							for client WSW winter sports world		drawing	chd TW	own OZ	revision A

WINTER SPORTS WORLD

AREA AND COST ANALYSIS

v4

Corner Jamison Rd and Tench Ave

28-Jun-18

SITE

Land Area 23,420 sqm 2.34 Ha

RL's to AHD

Activity	Description	Height m	Area sqm	Cost/ sqm	Sub-total
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WINTER SPORTS WORLD

SKI SLOPES

Ski slopes	Main Slope				
	310m long indoor ski field, slope to north	51m fall	8882	\$4,500	\$39,969,000
	Advanced Slope - 185m (1 in 6 slope, 35m fall)				
	Intermediate Slope - 115m (1 in 10 slope, 16m fall)				
	Width varies, average 30m				
	Slope varies, average 6 to 10 degrees				
	linternal space, thermal + acoustic control				
	Learner Slope + Snow Play Area				
	80m long training ski field, slope to east	20m fall	2802	\$4,500	\$12,609,000
	Gently sloping for snow play + beginners	10m			\$0
SUB TOTALS			11684		\$52,578,000

WSW GROUND FLOOR ENTRY

Reception	Public access ground level	6m	1717	\$3,000	\$5,151,000
Equipment	Skis, clothing etc at ground level	6m	300	\$3,000	\$900,000
Facilities	Change room area Male & Female	std	300	\$4,000	\$1,200,000
	Toilets M+F for Snow Centre	std	300	\$4,000	\$1,200,000
	Lockers Male & Female	std	100	\$3,000	\$300,000
	Equipment + gear store and maintenance	std	1000	\$3,000	\$3,000,000
SUB TOTALS			3717		\$11,751,000

ICE SKATING RINK

	rink, hockey / short track skate, min 60m x 30m	4-6m H	1800	\$4,500	\$8,100,000
	Indoor ice rink, viewin areas around	4-6m H		\$3,500	\$0
Reception	Reception + waiting area	std	50	\$3,000	\$150,000
Facilities	Change room area Male & Female	std	50	\$4,000	\$200,000
	Toilets M+F + Lockers Male & Female	std	50	\$4,000	\$200,000
SUB TOTALS			1950		\$8,650,000

ICE CLIMBING

	Climbing Walls (80m2 floor area)	30m high	80	\$4,000	\$320,000
Reception	Reception + waiting area	std	50	\$3,000	\$150,000
Facilities	Change room area Male & Female	std	30	\$4,000	\$120,000
	Toilets M+F	std	30	\$4,000	\$120,000
	Lockers Male & Female	std	20	\$3,000	\$60,000
	Training Room (10 people)	std	40	\$3,000	\$120,000
SUB TOTALS	ice climbing		250		\$890,000

ROCK CLIMBING

	Climbing Walls (80m2 floor area)	30m high	80	\$4,000	\$320,000
Reception	Reception + waiting area	std	50	\$3,000	\$150,000
Facilities	Change room area Male & Female	std	30	\$4,000	\$120,000
	Toilets M+F	std	30	\$4,000	\$120,000
	Lockers Male & Female	std	20	\$3,000	\$60,000
	Training Room (10 people)	std	40	\$3,000	\$120,000
SUB TOTALS	rock climbing		250		\$890,000

ALTITUDE TRAINING

Traing room	for altitude adaptation	5m	100	\$5,000	\$500,000
Reception	Reception + waiting area	std	30	\$3,000	\$90,000
Facilities	Change room area Male & Female	std	30	\$4,000	\$120,000
	Toilets M+F	std	30	\$4,000	\$120,000
	Lockers Male & Female	std	20	\$3,000	\$60,000
	Training Room (10 people)	std	40	\$3,000	\$120,000
SUB TOTALS	rock climbing		250		\$1,010,000

GYMNASIUM + TRAINING

Gym	training	5m	100	\$5,000	\$500,000
Reception	Reception + waiting area	std	30	\$3,000	\$90,000
Facilities	Change room area Male & Female	std	30	\$4,000	\$120,000
	Toilets M+F	std	30	\$4,000	\$120,000
	Lockers Male & Female	std	20	\$3,000	\$60,000
SUB TOTALS			210		\$890,000

CENTRE ADMIN

Reception	incl waiting area	std	30	\$3,000	\$90,000
	Offices + Training	std	264	\$3,000	\$792,000
	Meeting / Multi Purpose room (40 people)	std	80	\$3,000	\$240,000
	Toilets M+F	std	30	\$4,000	\$120,000
SUB TOTALS	for centre admin		374		\$1,242,000

HOTEL + FOOD + BEVERAGE

HOTEL GROUND FLOOR ENTRY

	Reception + Public access ground level	6m	400	\$3,000	\$1,200,000
	Ancilliary retail souvenirs / hotel requirements	6m	300	\$3,000	\$900,000
	Change room area Male & Female	std	52	\$4,000	\$208,000
	Back of house offices etc	std	400	\$3,000	\$1,200,000
SUB TOTALS	for centre admin		1152		\$3,508,000

FOOD + BEVERAGE

	Cafés + Restaurants / Bars	4m	600	\$3,500	\$2,100,000
	Bars		550	\$3,500	\$1,925,000
	Commercial kitchen (all F+B except hotel)	exhausts	500	\$6,000	\$3,000,000
SUB TOTALS			1150		\$4,025,000

HOTEL

Rooms	Level 3	3m	1760	\$3,500	\$6,160,000
Rooms	Level 4	3m	1760	\$3,500	\$6,160,000
Rooms	Level 5	3m	1760	\$3,500	\$6,160,000
Rooms	Level 6	3m	1760	\$3,500	\$6,160,000
Rooms	Level 7	3m	1555	\$3,500	\$5,442,500
Rooms	Level 8	3m	1296	\$3,500	\$4,536,000
Rooms	Level 9	3m	913	\$3,500	\$3,195,500
Rooms	Level 10	3m	620	\$3,500	\$2,170,000
Conference Centre	Level 3	6m	632	\$3,500	\$2,212,000
Conference Centre	Level 5	6m	632	\$3,500	\$2,212,000
SUB TOTALS			12688		\$44,408,000

SERVICES + MECAHNICAL

SERVICES + MECAHNICAL

	PV panels on the roof: 8000 sqm	not FSR	8000		\$2,000,000
	@ 1kW / 8sqm = 1000 kW = 1 MW power				
	PV controls + Electrical + battery storage	not FSR	400		\$2,000,000
	Snow making equipment area	not FSR	200	\$3,000	\$2,000,000
	Air conditioning areas	not FSR	200	\$3,000	\$2,000,000
	Electrical areas	not FSR	100	\$3,000	\$1,000,000
	All AC + Mech Vent + Services equipment		item		\$35,000,000
SUB TOTALS		not FSR	900		\$44,000,000

CAR PARKING

CAR PARKING					
Car Park 1 (east)	Car parking for 400 + cars	400	11308	\$1,800	\$20,354,400
Car Park 2 (west)	Car parking for 200 + cars + 10 buses	400	5704	\$1,800	\$10,267,200
	valet parking and admin		100	\$3,000	\$300,000
SUB TOTALS			17112		\$30,921,600
TOTAL					
	Floor area in GFA (equivalent to FSR)		33675		\$129,842,000
	Floor area not in GFA		18012		\$74,921,600
TOTALS			51687		\$204,763,600